



INFORMATION PAPER

SUBJECT: Formerly Used Defense Site (DERP/FUDS) at Waikoloa/Waimea, Hawaii Island

1. **Purpose:** To provide background information to increase funding.

2. **Points of Major Interest and Facts:**

a. The Former Waikoloa Maneuver Area/Nansay Combat Range is about 123,000 acres, located on the western side of the Island of Hawaii including all or parts of the communities of Waikoloa and Waimea (Kamuela). The site area is roughly bounded by Kawaihae Road, Queen Ka'ahumanu Highway, Waikoloa Road, and extends to the western boundary of the U.S. Army Pohakuloa Training Area.

b. The site area was acquired by the U.S. Navy in 1943 through licensing agreements for use as a military training camp and live fire range. Portions of the area were used as artillery firing range and for troop maneuvers including intensive live-fire training with hand grenades, 37 mm, 75 mm, 105 mm, and 155 mm high explosive shells, and 4.2 inch mortar rounds.

c. The first ordnance clean-up activity occurred in 1946. In 1954, following the death of two Parker Ranch employees, a team of 50 men from ordnance disposal units based at Fort Shafter and Hickam Air Force Base, searched 1100 acres, and identified and disposed of thousands of munitions.

d. The Army Corps of Engineers determined that the site was eligible for the DERP FUDS in 1991/92. An engineering evaluation/cost analysis (EE/CA) was completed for approximately 600 acres within Parker Ranch in 1999 and field investigations for the remainder of the site in May 2001.

e. Preliminary results suggest that up to 48,000 acres may contain OEW (ordnance and explosive waste) hazard. The final EE/CA identifying these areas was received on 9 January 2002.

f. CEPOH initiated a time critical removal action (TCRA) for surface clearance of approximately 300 acres in the Ouli portion of the project where there had been reports of hand grenades found by children. A \$413,000 contract was awarded in June 2001. Field activities were completed on 9 November 2001 with identification and disposal of 11 explosive items. CEPOH also has a program of institutional controls in order to inform the public of the potential health and safety hazards in the area.

g. Approximately \$5 million has thus far been expended at this site (\$2.9 million for the current EE/CA). The RA-C (OE clean-up) phase has been estimated within RACER to have the potential to cost over \$800 million. The draft EE/CA recommends a total clean-up cost of between \$600-700 million. A contract for \$500,000 was awarded in December 2001 in order to provide ordnance clearance construction support in the project area including proposed Hawaiian Homelands development. Full OE clearance in high sensitivity areas adjacent to existing neighborhoods is anticipated to cost in excess of \$100 million. In addition, LTM (long term monitoring) shall be required once project field activities have been completed.

h. Extensive portions of the project area which pose a probable ordnance health and safety risk to the public is either currently being developed or proposed for imminent development by both government and private entities.

i. All CEPOH activities are subject to the availability of funds in DERP FUDS. It is not anticipated that funding for this project shall exceed a maximum of \$3-5 million/program year for the foreseeable future.

3. **Contact:** The Project Manager is Chuck Streck, CEPOH-PP-E, at (808) 438-6934.